

LCROSS: Opportunities for Observations from Ground-based and Space-based Telescopes

There are a variety of ground-based and orbital observatories that can observe the dust and water plumes caused by the LCROSS impacts. The impacts are nominally scheduled for February 2009 and are planned to occur with most favorable viewing geometry (at the time of impact) from Hawaii and North & South America. The LCROSS team encourages astronomers and planetary scientists to observe the impacts to further our understanding of impact physics, lunar resources (water), and lunar geology and origins (polar regolith), and thereby support scientific and exploration objectives. The LCROSS Project is committed to working with the observational scientists to provide mission information that is critical to the planning and proposal of observations. In this way the LCROSS Project aims to develop a coordinated observation campaign utilizing ground-based and space-based observational assets.

